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[54] SYSTEM AND METHOD FOR RECORDING PATIENT-HISTORY DATA ABOUT ON-GOING PHYSICIAN CARE PROCEDURES

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[*] Notice: The terminal 2 months of this patent has

been disclaimed.

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364/413.01, 413.02; /05/2, 3; 128/920; 929

[56] References Cited

U.S. PATENT DOCUMENTS

4,591,974	5/1986	Dornbush et al
4,667,292	5/1987	Mohlenbrock et al
4,839,806	6/1989	Goldfischer .
5,018,067	5/1991	Mohlenbrock et al
5,325,293	6/1994	Dorne .
5,483,443	1/1996	Milstein et al
5 519 607	5/1996	Tawil .

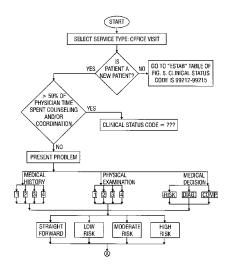
OTHER PUBLICATIONS

Physician's Current Procedural Terminology, Fourth Edition, CPT '94, American Medical Association, pp. i–86 and 683, 1994.

Fishman, Scott M., "Study Tracks Effectiveness of HP Palmtop in Hospital," The HP Palmtop Paper, May–Jun. 1994, pp. 34–35.

Hall, Rich, "A Less Expensive Solution to Healthcare?" The HP Palmtop Paper, May–Jun. 1994, pp. 27–29.

Meissner, Frank, "User Profile: HP Palmtop: A 24-Hour Medical Assistant," The HP Palmtop Paper, May-Jun. 1994, pp. 12–16.



Peak, Dallas E., "User Profile: Doctor on the Fly Uses the HP Palmtop to Help Save Lives," The HP Palmtop Paper, May–Jun. 1994, pp. 18–21.

Special Report: Computer & Communications (Collection of related articles), ACP Observer, vol. 14, No. 7, Jun. 1994, pp. 19–29.

Advertisement: PEPID, a Palmtop Emergency Physician Information Database product.

Advertisement Listing: Medical and Health–Related Hardware and Software, The HP Palmtop Paper, May/Jun., 1994, pp. 36–39.

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[57] ABSTRACT

A system and method for processing patient data permits physicians and other medical staff personnel to record, accurately and precisely, historical patient care information. An objective measure of a physician's rendered level of care, as described by a clinical status code, is automatically generated. Data elements used in the determination of the generated clinical status code include a level of history of the patient, a level of examination of the patient, a decisionmaking process of the physician treating the patient, and a "time influence factor." The quantity and quality of care information for a particular patient is enhanced allowing future care decisions for that patient to be based on a more complete medical history. Enhanced care information can be used in outcome studies to track the efficacy of specific treatment protocols. Archiving of patient information is done in a manner which allows reconstruction of the qualitative aspects of provided medical services. The medical care data can be recorded, saved, and transferred from a portable system to a larger stationary information or database system. Considerable physician and staff time are saved and precision and accuracy are significantly enhanced, by generating these clinical status codes automatically (at the point of service by the care-provider without any intermediary steps) from information recorded simultaneously with the provision of services.

18 Claims, 7 Drawing Sheets

Microfiche Appendix Included (7 Microfiche, 571 Pages)

